

Program Requirements Document Subcontractors	WALKING AND WORKING SURFACES	Identifier: PRD-2005 Revision: 1 Page: 1 of 3
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Manual: Subcontractors Requirements

Change Number: 74032

1. PURPOSE

This document presents requirements for the design, maintenance, and use of walking and working surfaces in order to minimize hazards to personnel. This document highlights requirements referenced in the “Source Documents” of this document, as well as BBWI requirements. Any applicable regulatory or BBWI requirements shall be followed, with the most stringent requirement being met.

2. APPLICABILITY

This document applies to all subcontractors working at the INEEL, as specified in their contract with BBWI. Stricter requirements may be imposed by subcontractors upon their employees or subtier contractors. The requirements of this document shall be followed by subcontractors, however, the means of implementation may vary as determined by the subcontractor.

3. REQUIREMENTS

3.1 Establishing Safe Walking and Working Surfaces

3.1.1 Aisles and passageways shall be appropriately marked.

3.1.2 On every open-sided floor or platform 4 feet or more above adjacent floor or ground level, a standard railing shall be installed except where there is entrance to a ramp, stairway, or fixed ladder.

3.1.2.1 The railing shall have a toeboard installed when any of the following conditions exists beneath the open sides:

- A. persons can pass
- B. there is moving machinery
- C. equipment exists where falling materials could create a hazard
- D. dangerous equipment, de-greasing units, and similar hazards exist.

Program Requirements Documents Subcontractors	WALKING AND WORKING SURFACES	Identifier: PRD-2005 Revision: 1 Page: 2 of 3
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- 3.1.3 Open pits, tanks, vats, ditches, etc., shall be provided with covers and/or guardrails.
- 3.1.4 If material is piled higher than the toeboard, and the toeboard does not provide adequate protection, then paneling (can be screen or mesh of appropriate size) shall be installed from the floor to the midrail or top rail.

3.2 **Maintaining Safe Walking and Working Surfaces**

- 3.2.1 Walking and working surfaces in assigned work areas shall be maintained in a safe, orderly, and sanitary condition.
 - 3.2.1.1 Work area floors shall be kept clean and as dry as possible.
 - 3.2.1.2 Floors shall be kept free from protruding nails, splinters, holes, or loose boards.
 - 3.2.1.3 Aisles and passageways shall be kept clear and in good repair, with no obstruction across or in aisles that could create a hazard.
 - 3.2.1.4 Where wet processes are used, adequate drainage shall be maintained, and false floors, platforms, mats, or other dry standing places shall be provided where practical.
 - 3.2.1.5 Where mechanical handling equipment is used, sufficient safe clearances shall be allowed for aisles, at loading docks, through doorways, and wherever turns or passage must be made.
 - 3.2.1.6 Work shall be performed only on working surfaces which have adequate strength and structural integrity.
 - 3.2.1.7 Electrical cords, welding leads, hoses, and so forth shall be elevated seven feet or otherwise protected in access ways to prevent tripping hazards.
- 3.2.2 Stairways shall be kept totally free of extraneous materials.
- 3.2.3 Outdoor stairways and work platforms shall be kept clean and free of ice and snow.

Program Requirements Documents Subcontractors	WALKING AND WORKING SURFACES	Identifier: PRD-2005 Revision: 1 Page: 3 of 3
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3.3 Guarding of Floor and Wall Openings and Holes

3.3.1 All floor and wall openings through which tools and other objects may fall, creating a hazard to employees on a lower level, shall be protected by a cover securely held in place.

3.3.2 All temporary covers shall be marked with a Danger sign, in accordance with PRD-2022, “Signs, Color Codes, and Barricades”.

3.4 Stairways

3.4.1 Stairways shall be designed and built in accordance with 29 CFR 1926.1052.

3.4.2 Employees using stairways shall be properly trained by a competent person in the proper construction, handling, placement, and use of stairways, as applicable.

4. DEFINITIONS

None

5. REFERENCES

5.1 Source Documents

29 CFR 1910.22, General Requirements
29 CFR 1910.23, Guarding Floor and Wall Openings and Holes
29 CFR 1910.24, Fixed Industrial Stairs
29 CFR 1926.1052, Stairways
NFPA 101, Chapter 5, Life Safety Code

5.2 Related Requirements

The following documents may also contain requirements that apply to this activity:

PRD-2002, Fall Protection
PRD-2022, Signs, Color Codes, and Barricades.

6. APPENDICES

Program Requirements Documents Subcontractors	WALKING AND WORKING SURFACES	Identifier: PRD-2005 Revision: 1 Page: 4 of 3
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None